

ELECTRICALLY BALANCED CONNECTOR ASSEMBLYAbstract of the Invention:

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An electrically balanced connector assembly is presented. The assembly comprises a printed circuit board including integrally defined capacitive elements defined by plated through slots which are designed to compensate for reactive imbalance of electrical components connected thereto. A pair of wire termination blocks mounted to a first side of the circuit board are connected by circuitry on the circuit board to a corresponding pair of modular jacks mounted to a second side of the circuit board. The capacitive elements are connected between selected leads of the modular jacks and the wire termination blocks by the circuitry. The circuit board assembly is mounted in a panel yoke which includes a pair of apertures for allowing access to the modular jacks aligned therein. The apertures and circuit board assembly are orientated to allow connecting modular cords to gravity feed into and from the modular jacks. The panel yoke includes means for snaplockedly securing the panel yoke to a panel or a wall plate.